

Message

From: rogers, rick [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BCE033A9EDE7409D944D8AE868394548-RROGER04]
Sent: 2/5/2016 7:09:41 PM
To: Donahue, Lisa [Donahue.Lisa@epa.gov]
CC: Johnson, KarenD [Johnson.KarenD@epa.gov]
Subject: Re: Update on numbers of Public and Private wells impacted by PFOS and PFOA

Correct, whole region, just a summary of new wells/pws impacted due to lowering the number.

Sent from my mobile device.

On Feb 5, 2016, at 2:07 PM, Donahue, Lisa <Donahue.Lisa@epa.gov> wrote:

I think He wants the whole region.

Lisa M. Donahue
Chair, Federal Women's Program National Council
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We don't accomplish anything in this world alone... and whatever happens is the result of the whole tapestry of one's life and all the weavings of individual threads from one to another that creates something. Sandra Day O'Connor

From: Johnson, KarenD
Sent: Friday, February 05, 2016 2:06 PM
To: Donahue, Lisa <Donahue.Lisa@epa.gov>
Cc: rogers, rick <rogers.rick@epa.gov>
Subject: RE: Update on numbers of Public and Private wells impacted by PFOS and PFOA

Does Shawn just want WV? Or all of the Region??

From: Donahue, Lisa
Sent: Friday, February 05, 2016 2:03 PM
To: Johnson, KarenD <Johnson.KarenD@epa.gov>
Subject: RE: Update on numbers of Public and Private wells impacted by PFOS and PFOA

No typos found. I would perhaps add the following details for Shawn

- <!--[if !supportLists]--><!--[endif]-->Names of DE systems with wells ID'd in UCMR
- <!--[if !supportLists]--><!--[endif]-->Fentress: sampling at homes starting [date] and results expected [timeframe]

I'm guessing that Shawn already understands why there's a difference between levels being set at 100 ppt and 0.100 ppb? (if not, add explanation?)

Lisa

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From: Johnson, KarenD
Sent: Friday, February 05, 2016 1:52 PM
To: Donahue, Lisa <Donahue.Lisa@epa.gov>
Subject: FW: Update on numbers of Public and Private wells impacted by PFOS and PFOA

Hopefully this makes sense. Read it twice, but will gladly take input!

From: Johnson, KarenD
Sent: Friday, February 05, 2016 1:51 PM
To: Jon Capacasa <Capacasa.Jon@epa.gov>; rogers, rick <rogers.rick@epa.gov>
Cc: Shoven, Heather <shoven.heather@epa.gov>; Kier, Lori <Kier.Lori@epa.gov>; Clark, Jacqueline <clark.jacqueline@epa.gov>; Reinhart, Roger <Reinhart.Roger@epa.gov>; Field, Stephen <Field.Stephen@epa.gov>
Subject: Update on numbers of Public and Private wells impacted by PFOS and PFOA

I had this initially drafted to the folks in HQ, But this can be sent later after we digest the content and the impacts

During the call on February 3, we agreed to update you all on the number of wells currently impacted by PFC's that we are working with.

Delaware- PFOS – Two systems identified in the UCMR sampling with PFOS above 0.2 ppb wells turned off. These systems also have PFOA above 100 ppt.

- <!--[if !supportLists]--><!--[endif]-->All three additional wells for one system are off line and purchasing water due to PFOS above .2. this system serves 6,000 persons.

The Nearby Air Guard station and airport as well as other potential sources are being investigated

The Dover Air Force Base is currently sampling approximately 20 homes in close proximity to an air crash. The ground water has 2800 ppb PFOS. We expect data back by the end of February. The Air Force has agreed to provide alternate water for homes at 0.15 ppb (.2) PFOS. The 4 wells for their PWS have been sampled and are non-detect for PFOS and PFOA.

If the value for PFOA is 100 ppt the wells impacted are all currently offline for PFOS. (5 wells)

If the value for PFOA is 0.1 ppb then one (1) additional well in Artesian's system will be impacted, which is currently online.

Maryland- None to date

Virginia- Fentress Naval facility 2 wells offline due to PFOS above 0.2 ppb, also have found PFOA above 100 ppt

Pennsylvania- 8 wells identified through the UCMR monitoring for PFOS above 0.2 ppb at Warminster, Warrington, Horsham and United Water PWS's. Wells off line and installing treatment.

- Four (4) additional wells found at the Harrisburg Airport found to have PFOS values above 0.2, wells taken off line while treatment is installed
- Air National Guard Station Willow Grove PWS found to have PFOS above 0.2 ppb, two wells serving 440 persons taken off and on bottled water while treatment is installed
- JL Larocca serving 50 persons taken off line for PFOS and hooked up to Horsham water
- 63 private wells taken off line and provided bottled water or in stages of being hooked up to public systems.

No additional PWS wells would come off line if the PFOA value is 100 ppt or 0.1 ppb, however at least one private home may be impacted at the 100 ppt value and possible more at the 0.1 ppb value.

If the PFOS value is lowered to 100 ppt there will be 3 additional PWS wells, or if 0.1 ppb there will be 4 additional PWS wells (total 7) impacted, and probably additional private wells. The current Emergency Orders for Warminster and the Air Guard have gathered data for all wells at 25 percent of the Provisional Health Advisory values for PFOS and PFOA.

West Virginia- We don't have any PWS wells impacted by PFOS, but we have several water systems with PFOA treatment due to the -DuPont Emergency Orders issued in 2002 (150ppb), 2006 (0.50 ppb) and 2009 (0.40 ppb) PFOA have required sampling of public and private wells in a several mile radius in proximity to the Washington Works plant. The PFOA was air dispersed from the plant.

-If the PFOA value is 100 ppt, and additional 15 homes in Ohio and 5 homes in WV will require alternate water and treatment.

In addition, under UCMR sampling results, one entry point (4 wells) for Vienna Water system exceeds 100 ppt. If the value is expressed as 0.1 ppb there will be an additional 4 wells in Vienna (their entire water system serving 12,500 persons), and one entry point for the Parkersburg system, serving 34,250 persons will also be impacted.

In summary, we currently have 22 public water supply wells that have been turned off due to PFOS above the Provisional Health advisory. We are working with Federal facility partners under Emergency Orders and voluntary sampling programs to remedy the wells and provide alternate water to over 60 private homes at this time in Pennsylvania. We are expecting data in February and March from the sampling currently underway in both Delaware and Virginia and the values for PFOS and PFOA will significantly impact these and the DuPont Orders.